

## ABSTRACT

This invention provides a method and apparatus for reducing colour shift in a display screen when a viewer moves to view the screen from an off-centre position.

- 5 When pixels of LEDs are provided in an asymmetric arrangement, there will not be an equal obscuring effect from one LED on an adjacent LED as the viewer moves off-centre. This is due to an uneven spacing between the LEDs in an asymmetric arrangement. The invention provides protrusions or other obscuring means that may be inserted into the array of LEDs between those LEDs suffering the least obscuring
- 10 in view of centre so as to equate with those LEDs suffering the most obscuring effect. This brings the light-emitting elements to an even obscuring effect as a viewer moves off-centre to avoid any colour shift.